L Number	Hits	Search Text	DB	Time stamp
1	2	(("4536844") or ("6137349")).PN.	USPAT	2004/05/05 09:18
2	2	(digital near2 filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	2004/05/05 10:58
3	7	(filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	2004/05/05 10:04
4	3	(filte$2) same (octav$2 near2 group)	USPAT; EPO; JPO	2004/05/05 10:05
5	3	(filte$2) same (octav$2 near2 group)	USPAT; US-PGPUB; EPO; JPO	2004/05/05 10:05
6	0	("704.200.1").PN.	USPAT; EPO; JPO	2004/05/05 10:58
7	176	(704/200.1).CCLS.	USPAT; EPO; JPO	2004/05/05 10:58
9	2	(704/200.1).ccls. and masking same octav$2	USPAT; EPO; JPO	2004/05/05 10:59
8	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	2004/05/05 11:03
10	38	cochlea$1 and (filter near2 ban$2) and octave	USPAT; EPO; JPO	2004/05/05 11:04
11	6	cochlear and (filter near2 banks) and octave	USPAT; EPO; JPO	2004/05/05 11:04
12	6	cochlear and (filter near2 banks) and octave	USPAT; US-PGPUB; EPO; JPO	2004/05/05 11:04
13	6	(cochlear and (filter near2 banks)) and octave	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 11:40
14	9	(("20030169891") or ("20020116196") or ("20020057808") or ("6289247") or ("6219580") or ("6070140") or ("5737719") or ("4858612") or ("4532930")).PN.	USPAT; US-PGPUB	2004/05/05 11:19
15	8	("20030169891" "20020116196" "20020057808" "6289247" "6219580" "6070140" "5737719" "4858612" "4532930") and cochlea$1 and (filter near2 bank) and octave	USPAT; US-PGPUB	2004/05/05 11:20
16	0	(filter near2 banks) and octave same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 11:41
17	0	(filter near2 banks) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 11:41
18	3	(filter near2 bank) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:31
19	3	(filter near3 bank) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:33
20	10	(filter near3 bank) and (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:44

C:\APPS\EAST\Workspaces\09534682.wsp

21	225	(absolute near2 value) and (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:44
22	49	(absolute near2 value) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:44
23	2	(absolute adj2 value) near3 (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:45
24	49	(absolute adj2 value) same (half adj2 wave adj2 rectifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/05 12:45

L Number	Hits	Search Text	DB	Time stamp
1	2	(("4536844") or ("6137349")).PN.	USPAT	2004/05/05 09:18
2	2	(digital near2 filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	2004/05/05 10:58
3	7	(filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	2004/05/05 10:04
4	3	(filte$2) same (octav$2 near2 group)	USPAT; EPO; JPO	2004/05/05 10:05
5	3	(filte$2) same (octav$2 near2 group)	USPAT; US-PGPUB; EPO; JPO	2004/05/05 10:05
6	0	("704.200.1").PN.	USPAT; EPO; JPO	2004/05/05 10:58
7	176	(704/200.1).CCLS.	USPAT; EPO; JPO	2004/05/05 10:58
9	2	(704/200.1).ccls. and masking same octav$2	USPAT; EPO; JPO	2004/05/05 10:59
8	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	2004/05/05 11:00
-	2	(("5473759") or ("5536844")).PN.	USPAT	2003/10/09 09:54
-	2	(("4473759") or ("5536844")).PN.	USPAT	2003/10/06 12:51
-	1	("4536844").PN.	USPAT	2003/10/09 09:56
-	1	("4471196").PN.	USPAT	2003/10/06 12:54
-	1	("4771196").PN.	USPAT	2003/10/06 13:06
-	3	digital near2 cochle$2 near2 model	USPAT; EPO; JPO	2004/05/05 09:17
-	0	(audio near2 process$3) same (sequen$2 near2 digital near2 filte$2)	USPAT; EPO; JPO	2003/10/06 13:08
-	5	(cochle$2 near2 model) near5 digital	USPAT; EPO; JPO	2003/10/06 13:21
-	3	lyon.in. and (cochlear)	USPAT; EPO; JPO	2003/10/08 12:33
-	0	"interval research corporation".AS. and (cochlear)	USPAT; EPO; JPO	2003/10/06 13:13
-	91	"interval research corporation".AS.	USPAT; EPO; JPO	2004/02/04 12:39
-	0	watts.in. and (cochlear)	USPAT; EPO; JPO	2003/10/06 13:21
-	36	cochle$2 near2 model	USPAT; EPO; JPO	2003/10/06 13:30
-	0	(filter near2 bank near2 cascade) same cochlea$1	USPAT; EPO; JPO	2003/10/06 14:05
-	24	(filter near2 bank) same cochlea$1	USPAT; EPO; JPO	2003/10/06 13:46
-	12	5331222.URPN.	USPAT	2003/10/06 13:35
-	5	cochlear near2 filter near2 bank	USPAT; EPO; JPO	2003/10/06 14:43
-	84	(filter near2 bank) same (select$2 near2 frequen$4)	USPAT; EPO; JPO	2003/10/06 14:00
-	6	("3671889" | "3855556" | "4763089" | "4970479" | "5428814" | "5515017").PN.	USPAT	2003/10/06 13:52
-	7	5515017.URPN.	USPAT	2003/10/06 13:52
-	7	5515017.URPN.	USPAT	2003/10/06 13:53
-	0	(filter near2 bank near2 cascade) same octave$1	USPAT; EPO; JPO	2004/05/05 09:19
-	0	cochlear near5 model%3	USPAT; EPO; JPO	2003/10/06 14:44
-	40	cochlear near5 model$3	USPAT; EPO; JPO	2004/02/04 14:33
-	5	cochlea$1 near2 filter near2 bank	USPAT; EPO; JPO	2003/10/08 14:12

C:\APPS\EAST\Workspaces\09534682.wsp

-	0	cochlea$1 near5 model%3	USPAT; EPO; JPO	2003/10/06 14:44
-	1	("5502663").PN.	USPAT	2003/10/08 12:26
-	1	5502663.URPN.	USPAT	2003/10/08 12:26
-	8	("4146931" | "4185325" | "4337518" | "4356559" | "4803647" | "5031132" | "5170369" | "5315621").PN.	USPAT	2003/10/08 12:26
-	1	lyon.in. and (filter same cascade)	USPAT; EPO; JPO	2003/10/08 12:47
-	0	(audio near2 process$3) same (filter near2 bank) same cochlea$1	USPAT; EPO; JPO	2003/10/08 12:48
-	2	(audio near2 process$3) same (filter near2 bank) same ear	USPAT; EPO; JPO	2003/10/08 12:48
-	36	(audio near2 process$3) same (filter near2 bank)	USPAT; EPO; JPO	2003/10/08 12:50
-	2	(cochlear near3 implant) same (filter near2 bank)	USPAT; EPO; JPO	2003/10/08 13:00
-	0	(cochlear near3 implant) same (filter near3 cascade)	USPAT; EPO; JPO	2003/10/08 13:02
-	331	cochlear near3 implant	USPAT; EPO; JPO	2003/10/08 13:29
-	10	("5411467" | "5498226" | "5772575" | "5906635" | "5913815" | "6216040" | "6259951" | "6272382" | "6275596" | "6308101").PN.	USPAT	2003/10/08 13:04
-	0	(filter near2 configur$2 near3 process$3) same (more near2 frequen$2)	USPAT; EPO; JPO	2003/10/08 13:31
-	15	(filter near2 configur$2 near3 process$3) same (frequen$4)	USPAT; EPO; JPO	2003/10/08 13:32
-	5	(filter near2 configur$2 near3 process$3) near3 (frequen$4)	USPAT; EPO; JPO	2003/10/08 13:56
-	3247	frequen$2 near2 select$3 near3 filter$1	USPAT; EPO; JPO	2003/10/08 13:57
-	35	(frequen$2 near2 select$3 near3 filter$1) same (filter near2 bank)	USPAT; EPO; JPO	2003/10/08 14:07
-	15	(tuna$3 near3 filter$1) same (filter near2 bank)	USPAT; EPO; JPO	2003/10/08 15:07
-	4	audito$2 near2 filter near2 bank	USPAT; EPO; JPO	2003/10/08 14:12
-	0	filte$1 near2 shar$3 near3 coeeficien$4	USPAT; EPO; JPO	2003/10/08 15:08
-	20	filte$1 near2 shar$3 near3 coefficien$4	USPAT; EPO; JPO	2003/10/08 16:08
-	57	filte$1 same (coefficie$4 near2 shar$3)	USPAT; EPO; JPO	2003/10/08 16:09
-	4	("4967388" | "5081604" | "5262974" | "6282184").PN.	USPAT	2003/10/08 16:11
-	2	("4038536" | "5018202").PN.	USPAT	2003/10/08 16:16
-	72	(computer near2 program) same (process$3 near2 audio)	USPAT; EPO; JPO	2003/10/09 10:50
-	0	(computer near2 program) same (process$3 near2 audio) same (digital near2 filter$1)	USPAT; EPO; JPO	2003/10/09 09:38
-	150	(381/320).CCLS.	USPAT; EPO; JPO	2003/10/09 10:35
-	609	(381/312).CCLS.	USPAT; EPO; JPO	2003/10/09 10:17
-	353	(381/61).CCLS.	USPAT; EPO; JPO	2003/10/09 10:18
-	2	(("5502663") or ("5983139")).PN.	USPAT; EPO; JPO	2003/10/09 10:35
-	2	(("6222930") or ("5604809")).PN.	USPAT	2003/10/09 10:51
-	2	(("5983139") or ("5502663")).PN.	USPAT	2004/02/04 12:35
-	10	filter$1 same (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2) near3 (interv$3 or perio$2)	USPAT; EPO; JPO	2004/02/04 11:44

-	308	filter$1 near3 (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	2004/02/04 11:44
-	0	filter$1 near3 process$3 near3 (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	2004/02/04 11:44
-	28	filter$1 near3 process$3 same (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	2004/02/04 12:11
-	503	filter$1 near3 octav$2	USPAT; EPO; JPO	2004/02/04 12:12
-	42	filter$1 near3 (frequenc$3 near2 octav$2)	USPAT; EPO; JPO	2004/02/04 12:34
-	147	(700/94).CCLS.	USPAT; EPO; JPO	2004/02/04 12:34
-	71	(607/56).CCLS.	USPAT; EPO; JPO	2004/02/04 13:58
-	1	"vulcan ventures".AS.	USPAT; EPO; JPO	2004/02/04 12:38
-	0	"applied neurosystems".AS.	USPAT; EPO; JPO	2004/02/04 12:39
-	0	"Applied Neurosystems".AS.	USPAT; EPO; JPO	2004/02/04 12:39
-	0	"interval research corporation".AS. and cochlear	USPAT; EPO; JPO	2004/02/04 12:39
-	1	5983139.URPN.	USPAT	2004/02/04 12:46
-	8	("5012245" | "5027306" | "5323157" | "5357252" | "5408235" | "5549658" | "5601617" | "5626629").PN.	USPAT	2004/02/04 12:47
-	4	(704/$).ccls. and programm$5 near2 (subband or sub-band)	USPAT; EPO; JPO	2004/02/04 17:04
-	8	("5012245" | "5027306" | "5323157" | "5357252" | "5408235" | "5549658" | "5601617" | "5626629").PN.	USPAT	2004/02/04 14:06
-	22	5601617.URPN.	USPAT	2004/02/04 14:08
-	2	(704/$).ccls. and (subband or sub-band) same filter same octave	USPAT; EPO; JPO	2004/02/04 14:23
-	105	(704/$).ccls. and filter same octave	USPAT; EPO; JPO	2004/02/04 15:19
-	63	(filter adj2 bank$1) same octave	USPAT; EPO; JPO	2004/02/04 16:32
-	25	(filter adj2 bank$1) same cochlea$1	USPAT; EPO; JPO	2004/02/04 15:39
-	12	5331222.URPN.	USPAT	2004/02/04 14:32
-	1	cochlear near3 (model$3 or implant) same octave	USPAT; EPO; JPO	2004/02/04 14:34
-	373	cochlear near3 (model$3 or implant)	USPAT; EPO; JPO	2004/02/04 14:34
-	29	cochlear near3 (model$3 or implant) same filt$2	USPAT; EPO; JPO	2004/02/04 14:57
-	2	6182103.URPN.	USPAT	2004/02/04 14:35
-	2	("5227991" | "5731769").PN.	USPAT	2004/02/04 14:35
-	97	digita$1 adj2 filt$2 adj2 cascad$2	USPAT; EPO; JPO	2004/02/04 14:40
-	1	6161118.URPN.	USPAT	2004/02/04 14:48
-	8	("4872129" | "4983966" | "5043933" | "5592517" | "5689449" | "5732002" | "5880973" | "5956494").PN.	USPAT	2004/02/04 14:49
-	1	("5502663").PN.	USPAT	2004/02/04 14:57
-	1	5502663.URPN.	USPAT	2004/02/04 14:57
-	8	("4146931" | "4185325" | "4337518" | "4356559" | "4803647" | "5031132" | "5170369" | "5315621").PN.	USPAT	2004/02/04 14:57
-	113	lyon.in. and (filter)	USPAT; EPO; JPO	2004/02/04 15:04

-	4	lyon.in. and (filter) same cochle$2	USPAT; EPO; JPO	2004/02/04 15:07
-	4	5355329.URPN.	USPAT	2004/02/04 15:07
-	5	lyon.in. and cochle$2	USPAT; EPO; JPO	2004/02/04 15:16
-	1	("4771196").PN.	USPAT	2004/02/04 15:17
-	9	4771196.URPN.	USPAT	2004/02/04 15:17
-	22	(704/$).ccls. and (filter adj2 bank) same octave	USPAT; EPO; JPO	2004/02/04 16:24
-	7	5615302.URPN.	USPAT	2004/02/04 15:22
-	64	(704/$).ccls. and (filter adj2 casca$2)	USPAT; EPO; JPO	2004/02/04 15:23
-	7	5383145.URPN.	USPAT	2004/02/04 15:36
-	3	("4893264" | "5081604" | "5252932").PN.	USPAT	2004/02/04 15:36
-	66	(filter adj2 bank$1) same cascade	USPAT; EPO; JPO	2004/02/04 16:08
-	378	(filter adj2 bank$1) same bandpass	USPAT; EPO; JPO	2004/02/04 16:08
-	15	(filter adj2 bank$1) same bandpass same octave	USPAT; EPO; JPO	2004/02/04 16:08
-	39	("3234544" | "3298019" | "3582947" | "3678507" | "3750142" | "4210903" | "4243974" | "4366349" | "4390756" | "4393275" | "4425481" | "4441202" | "4536844" | "4545065" | "4548082" | "4590459" | "4596902" | "4685042" | "4689819" | "4701958" | "4739511" | "4792977" | "4829270" | "4868880" | "5027306" | "5099856" | "5103230" | "5126743" | "5233665" | "5241310" | "5247581" | "5276739" | "5303346" | "5317640" | "5387875" | "5448644" | "5495242" | "5500902" | "5553152").PN.	USPAT	2004/02/04 16:10
-	0	programm$5 near2 (subband or sub-band) near3 filter$1	USPAT; EPO; JPO	2004/02/04 16:24
-	6	programm$5 near5 (subband or sub-band) near3 filter$1	USPAT; EPO; JPO	2004/02/04 16:24
	45	(704/$).ccls. and (sampli$2 near2 rate) near3 lowe$1	USPAT; EPO; JPO	2004/02/04 16:25
	43	cascad$2 near2 (filter adj2 bank$1)	USPAT; EPO; JPO	2004/02/04 16:33
-	697	(704/$).ccls. and filter adj2 bank	USPAT; EPO; JPO	2004/02/04 16:42
-	1	("5331222").PN.	USPAT	2004/02/04 16:51
-	0	("cochlear$1samebandpasssamecascade").PN.	USPAT; EPO; JPO	2004/02/04 16:51
-	1	cochlear$1 same bandpass same cascade	USPAT; EPO; JPO	2004/02/04 17:02
-	5	cochlear$1 same bandpass same parall$2	USPAT; EPO; JPO	2004/02/04 17:03
-	1	cochlear$1 same bandpass same cascad$2	USPAT; EPO; JPO	2004/02/04 17:03
-	0	cochlear$1 same BPF same cascad$2	USPAT; EPO; JPO	2004/02/04 17:03
-	169	bandpass near3 cascad$2	USPAT; EPO; JPO	2004/02/04 17:04
-	6	(704/$).ccls. and bandpass same cascade	USPAT; EPO; JPO	2004/02/04 17:35
-	21	(filter near3 sampl$3 near2 first) same (second near3 frequen$2 near3 sampli$2)	USPAT; EPO; JPO	2004/02/04 17:47
-	16	(time adj2 vary$3 adj2 filter) same (sampli$2 adj2 rat$2)	USPAT; EPO; JPO	2004/02/04 17:52
-	705	(time) adj2 (vary$3 or invari$3) near3 filt$2	USPAT; EPO; JPO	2004/02/05 12:18

-	23	(time) adj2 (vary$3 or invari$3) near3 filt$2 same audio	USPAT; EPO; JPO	2004/02/05 12:38
-	24	(time) adj2 (vary$3 or vari$3) near3 filt$2 same audio	USPAT; EPO; JPO	2004/02/05 13:27
-	19	(filter adj2 coeffici$6) near2 represent$2 near3 bi$2	USPAT; EPO; JPO	2004/02/05 13:27